

FIG.2

FIG.3

301

| CHANNEL NO. IN OSAKA AREA | CHANNEL ID |
|------------------------------|------------|
| 1 | 0013 |
| 3 | 0425 |
| 4 | 0438 |
| 6 | 04701 |
| 8 | 08902 |
| 10 | 09123 |
| 12 | 09155 |
| 19 | 09342 |

FIG.4

401

| CHANNEL ID: 04701 | | TV STATION: XYZ TV | | DATE: 03/06/12 | |
|-------------------|------------|--------------------|----------|----------------|-----|
| PROGRAM ID | START TIME | END TIME | GENRE ID | TITLE | ... |
| 0211345 | 00 : 00 | 03 : 00 | 2 | IT'S MIDNIGHT! | ... |
| 021932 | 03 : 00 | 03 : 45 | 4 | GHOSTLY HOUR | ... |
| 024312 | 03 : 45 | 05 : 00 | 1 | MIDNIGHT NEWS | ... |
| 021382 | 05 : 00 | 05 : 15 | 8 | AT THE DAWN | ... |
| : | : | : | : | : | : |
| : | : | : | : | : | : |

FIG.5

501

REGISTRATION FOR GROUP

ENTER GROUP ID: 511

ENTER GROUP NAME: 512

513 514

↔ 515

FIG.6

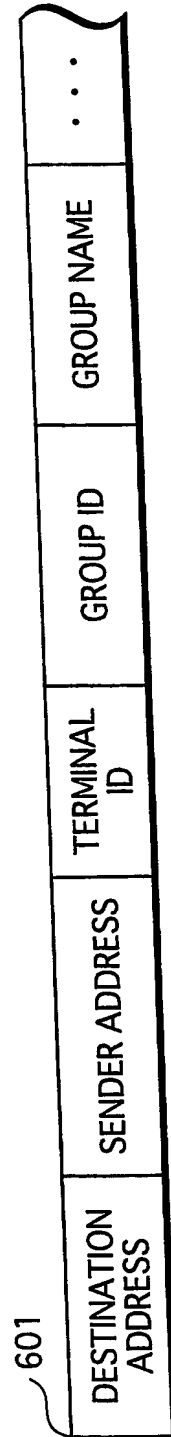


FIG.7

701

| | | | | |
|-----------------------|------------|-----------------------|-----------------------|-----|
| GROUP ID | 0012a8 | 0012a9 | 0012b0 | ... |
| GROUP NAME | XXX FAMILY | YYY HIGH GR.2 CL.A | ZZZ HIGH JUDO CLUB | ... |
| MEMBER TERMINAL ID | 23432 | 394213 | 55217 | ... |
| | 02314 | 21345 | 31393 | ... |
| | 39382 | 02314 | 2132 | ... |
| | 29115 | 3931 | 1119 | ... |
| | — | 2125 | 02314 | ... |
| : | : | : | : | : |
| : | : | : | : | : |

FIG.8

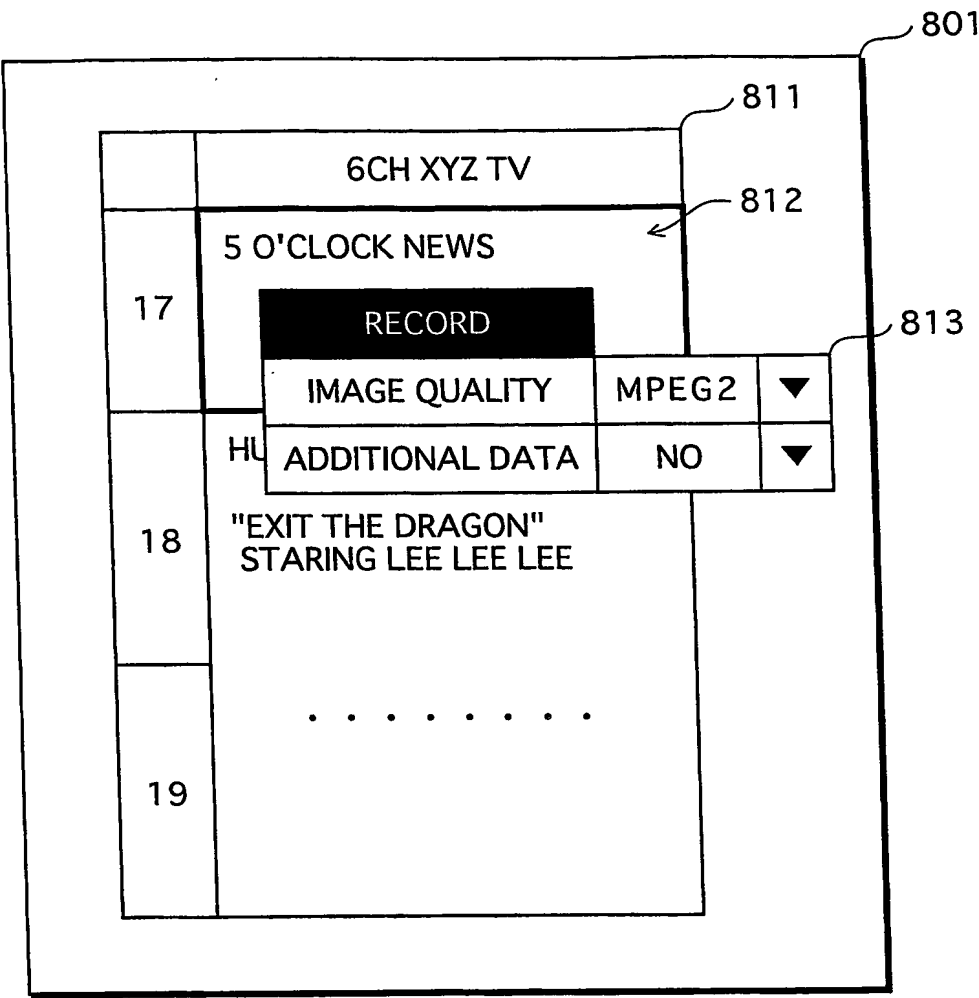


FIG.9

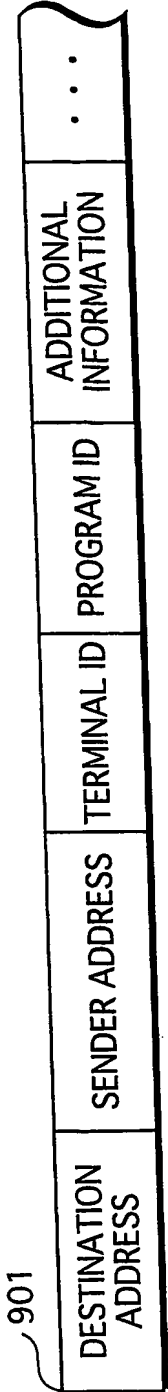


FIG.10

1001

| RECEIVING TIME/DATE | PROGRAM ID | REQUESTER TERMINAL ID | RECORDED | ... |
|------------------------|------------|--------------------------|----------|-----|
| 2003/06/11 13:20 | 9341 | 39382 | — | ... |
| 2003/06/11 08:19 | 2134 | 0123432 | ○ | ... |
| 2003/06/10 11:28 | 4814 | 02314 | ○ | ... |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

FIG.11

1101

| GROUP ID: 0012a8 | | GROUP NAME: XXX FAMILY | | |
|---------------------|-------|------------------------|-------|-------|
| TERMINAL ID | 02314 | 23432 | 39382 | 29115 |
| RECORDED PROGRAM ID | 4814 | 2194 | 9341 | 9452 |
| | — | 3342 | — | — |
| | — | 2134 | — | — |

FIG.12

1201

SHARED-DATA LIST FOR XXX FAMILY

1211

| TITLE | REQUESTER | SEND REQUEST |
|----------------------|-----------|-------------------------------------|
| TOMORROW IS SUNDAY | GRAND PA | <input type="checkbox"/> |
| 5 O'CLOCK NEWS | BOBBY | <input checked="" type="checkbox"/> |
| WESTERN | GRAND PA | <input type="checkbox"/> |
| CHESS | GRAND PA | <input type="checkbox"/> |
| 7 O'CLOCK DRAMA | CATHY | <input type="checkbox"/> |
| CINEMA FESTIVAL 2003 | JOHN | <input checked="" type="checkbox"/> |

1212

SUBMIT

CANCEL

1213

1214

FIG.13

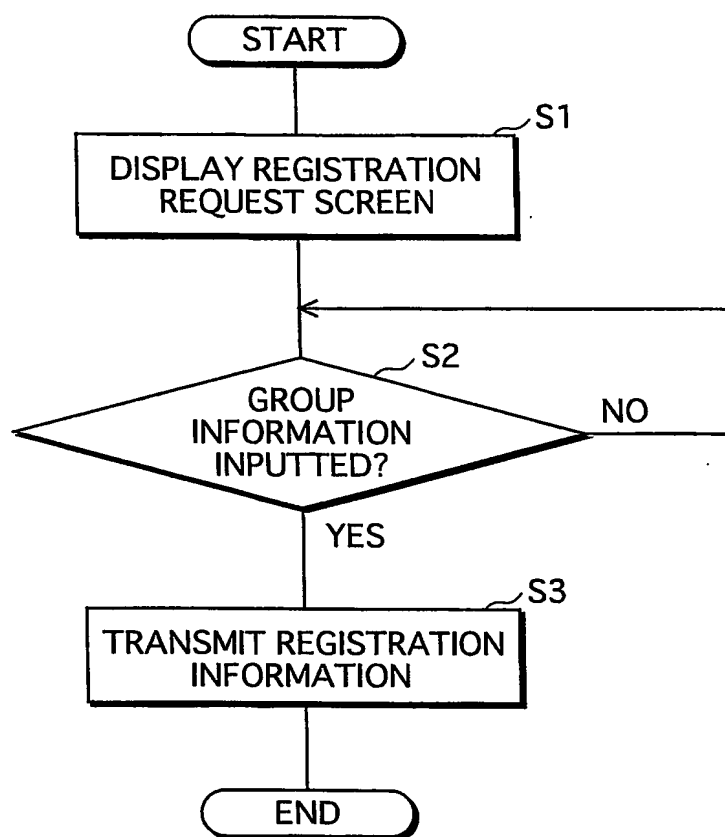


FIG.14

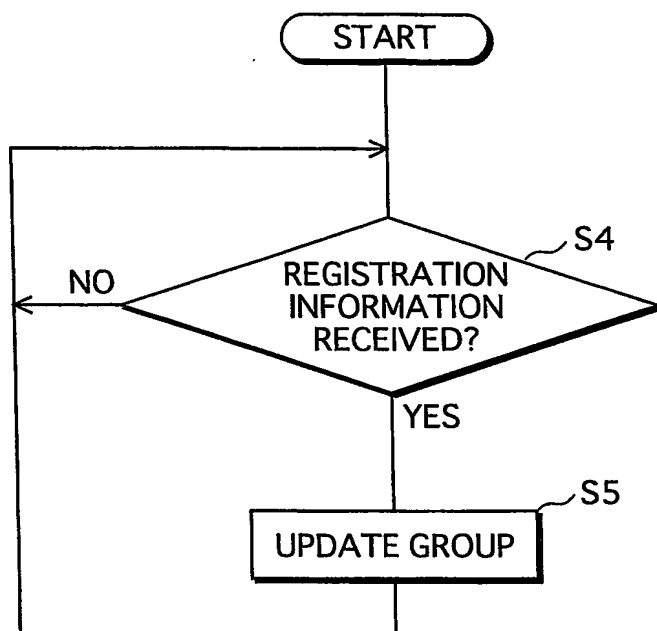


FIG.15

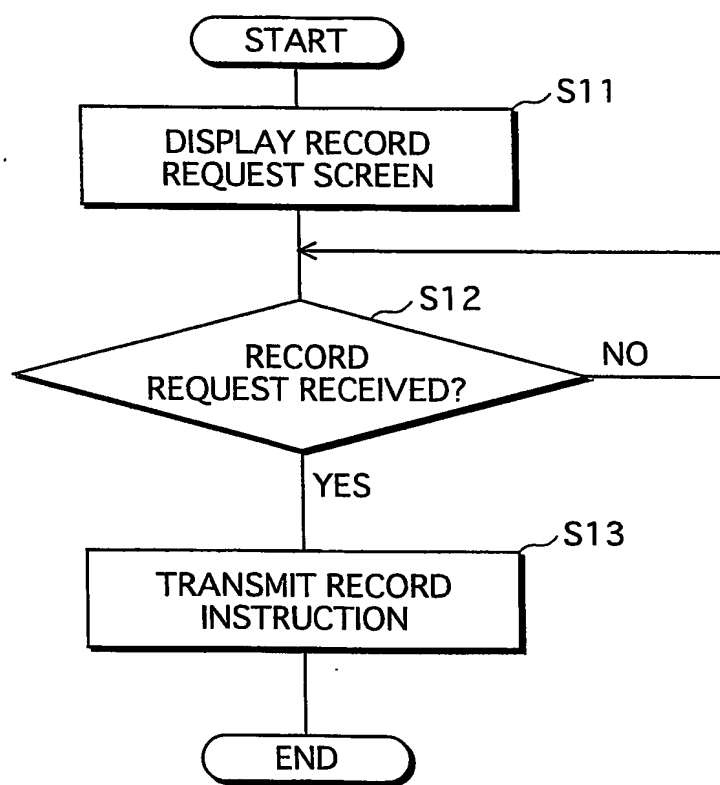


FIG.16

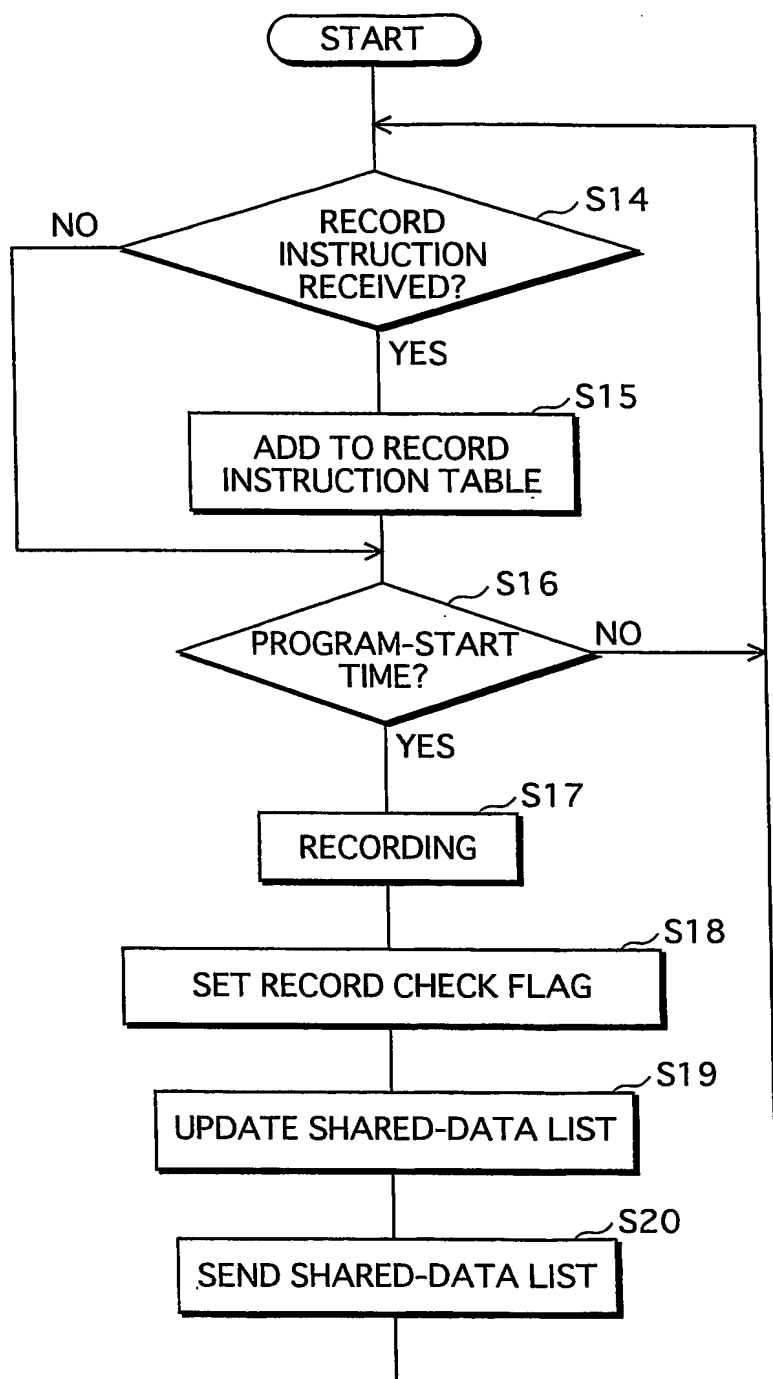


FIG.17

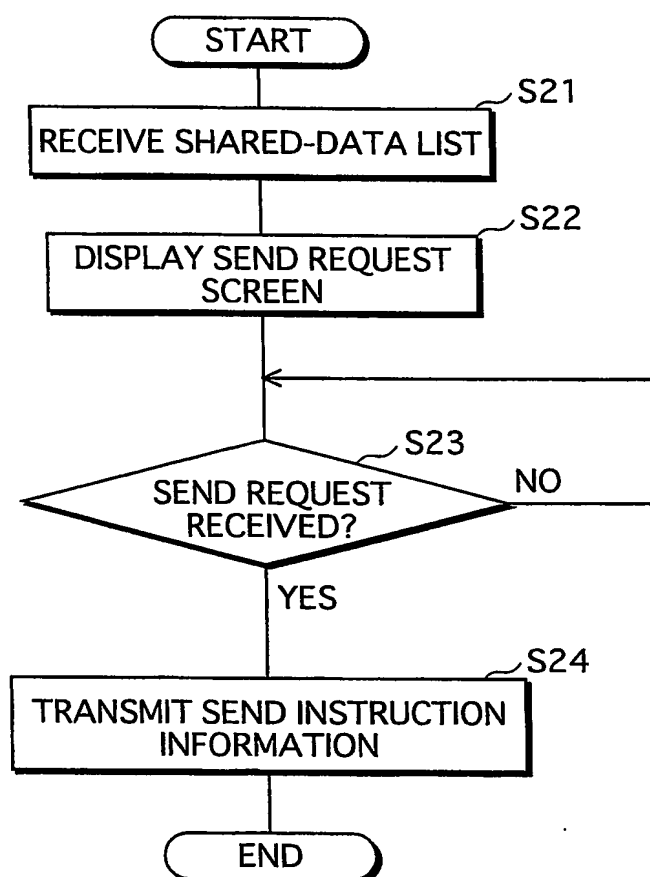


FIG.18

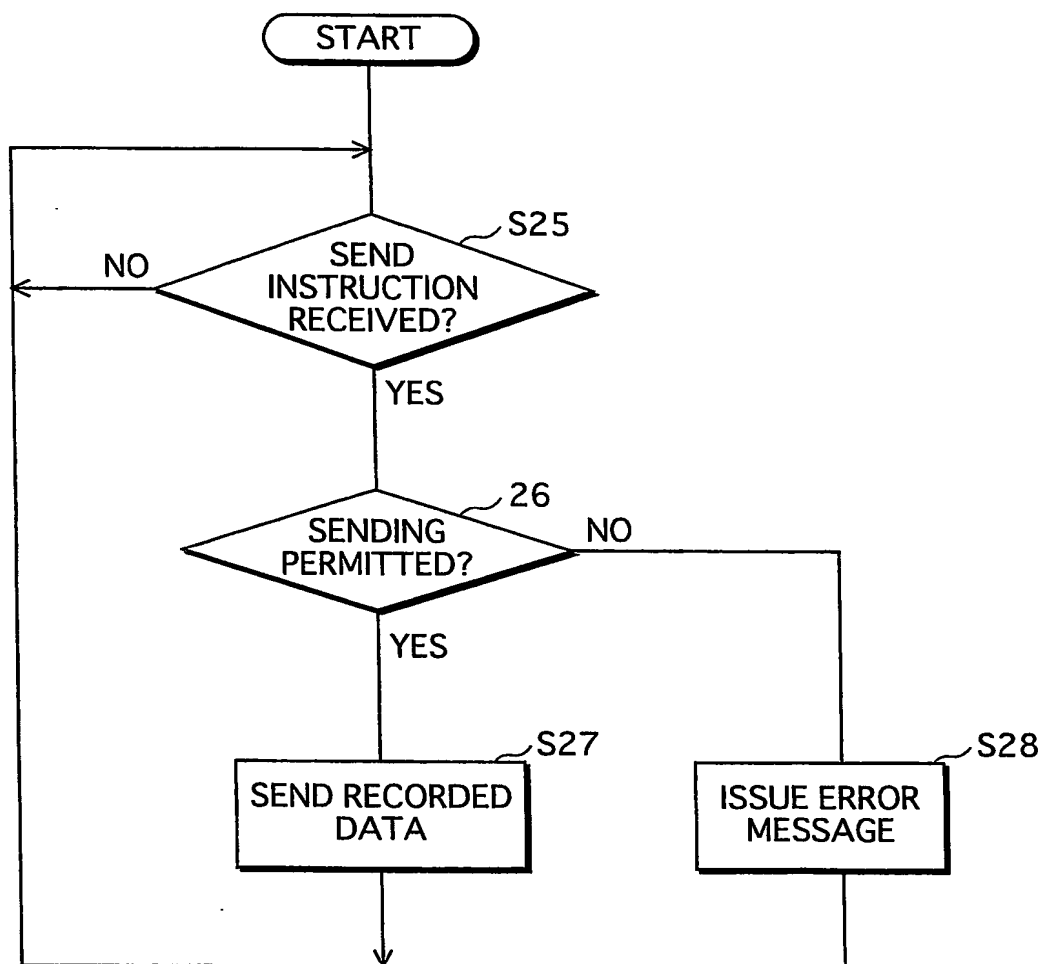


FIG.19

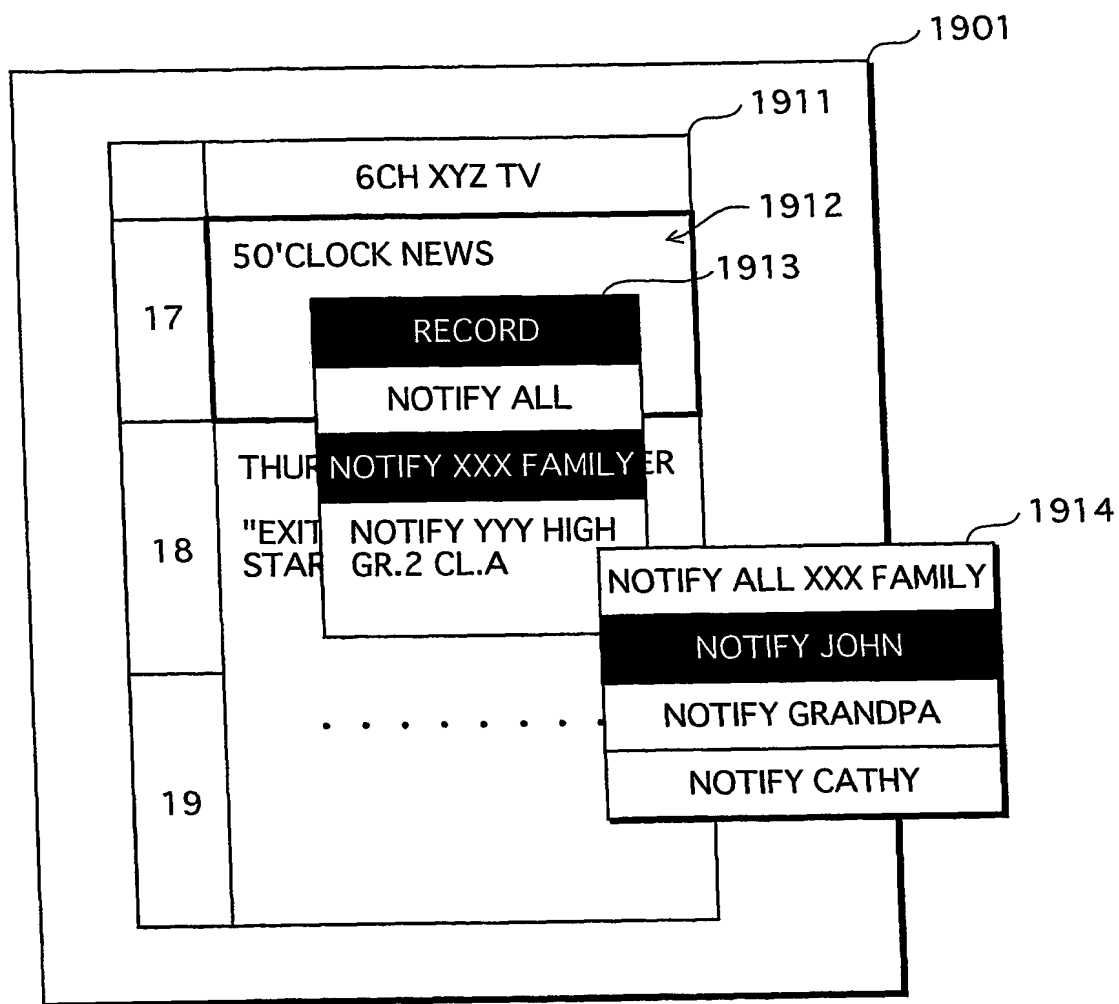


FIG.20

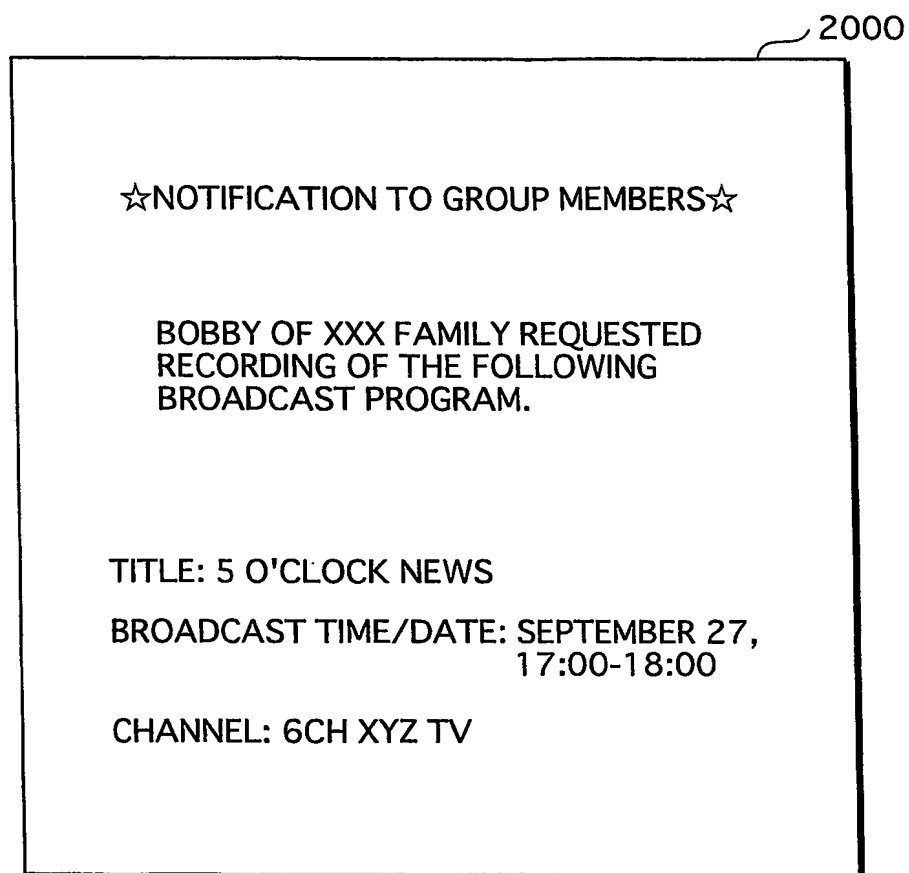


FIG.21

2101

| GROUP ID: 0012a8 | | GROUP NAME: XXX FAMILY | | | |
|---------------------------------|-------------------------|------------------------|--------------|-------------|--|
| PROGRAM ID (TITLE) | TERMINAL ID (USER NAME) | | | | |
| | 02314(BOBBY) | 23432 (GRAND PA) | 39382(CATHY) | 29115(JOHN) | |
| 2194 TOMORROW IS SUNDAY | ○ | ○ | ○ | ○ | |
| 4814 5 O'CLOCK NEWS | ○ | ○ | — | — | |
| 3342 WESTERN | — | ○ | — | — | |
| 2134 CHESS | — | ○ | — | — | |
| 9341 7 O'CLOCK DRAMA | — | ○ | ○ | — | |
| 9452 CINEMA FESTIVAL 2003 | — | ○ | — | ○ | |

FIG.22

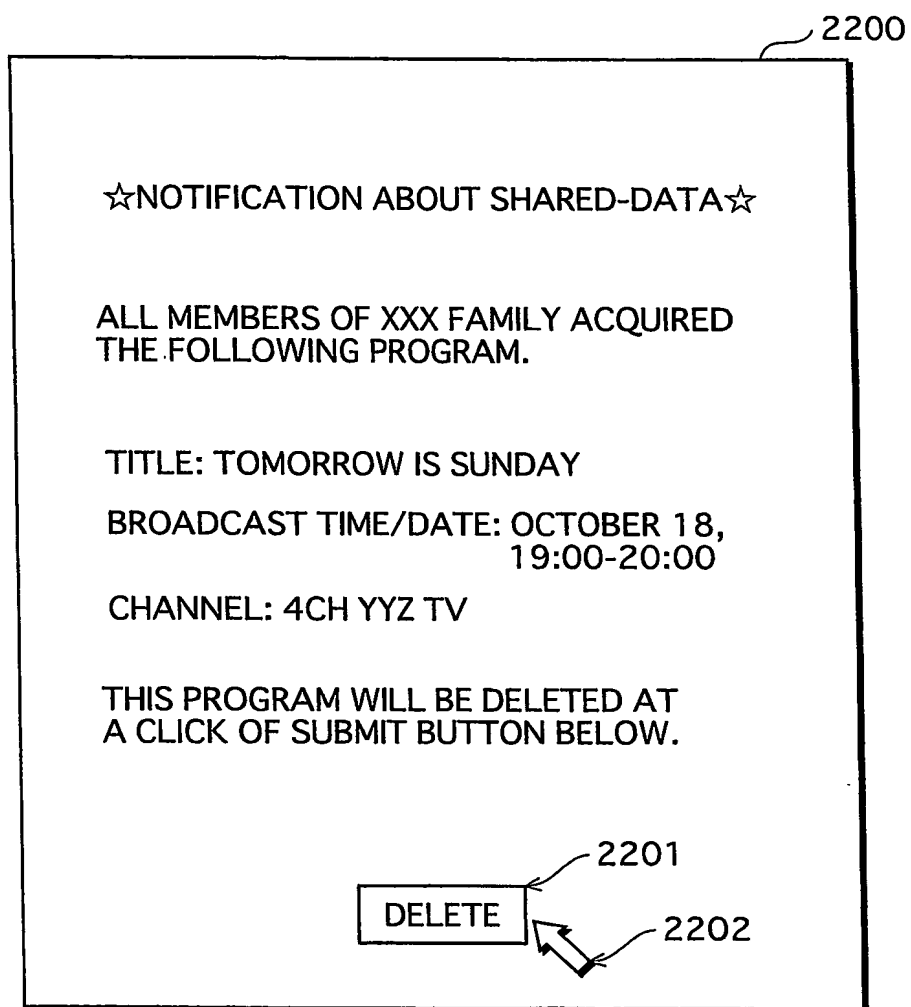


FIG.23

2300

☆NOTIFICATION ABOUT DELETION OF SHARED-DATA☆

ALL MEMBERS OF XXX FAMILY ACQUIRED THE
FOLLOWING PROGRAM. THE PROGRAM IS
DELETED FROM THE RECORDING SERVER.

TITLE: 5 TOMORROW IS SUNDAY

BROADCAST TIME/DATE: OCTOBER 18, 19:00-20:00

CHANNEL: 4CH YYZ TV